

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-5. (Canceled)

6. (Previously Presented) An information processing apparatus,
comprising:

a storage unit that stores data to be processed;

a management record unit that records processing contents data
representing processing contents of the data to be processed;

a control unit that controls to carry out information processing, based on
the processing contents data recorded in the management record unit, about
the data to be processed stored in the storage unit;

a resuming unit that resumes, when the information processing is
temporarily stopped and resumed, the information processing based on the
processing contents data which is not changed between pre- and post-
resuming;

an invalidating unit that invalidates the processing contents data
recorded in the management record unit;

an operation admission unit that makes the invalidating unit operable so
that after the information processing is carried out, the invalidating unit

invalidates the processing contents data for which the information processing has been carried out; and

a limiting unit that limits, when the invalidating unit is operable, the operation of the resuming unit, wherein the information processing is resumed after deleting a part or all of the processing contents data recorded in the management record unit,

wherein when the storage unit successively stores the data to be processed, the control unit controls to carry out successive information processing of the data to be processed already stored in the storage unit.

7. (Previously Presented) An information processing apparatus, comprising:

a storage unit that stores data to be processed;

a management record unit that records processing contents data representing processing contents of the data to be processed;

a control unit that controls to carry out information processing, based on the processing contents data recorded in the management record unit, about the data to be processed stored in the storage unit;

a resuming unit that resumes, when the information processing is temporarily stopped and resumed, the information processing based on the processing contents data which is not changed between pre- and post-resuming;

an operation admission unit that additionally makes operable an invalidating unit that invalidates, after the information is carried out, the processing contents data for which the information processing has been carried out; and

a limiting unit that limits, when the invalidating unit is operable, the operation of the resuming unit, wherein the information processing is resumed after deleting a part or all of the processing contents data recorded in the management record unit,

wherein when the storage unit successively stores the data to be processed, the control unit controls to carry out successive information processing of the data to be processed already stored in the storage unit.

8. (Currently Amended) The information processing apparatus according to claim 6, wherein the resuming unit includes a condition maintaining unit that maintains a condition where the storage unit stores the ~~data to be processed~~ processing contents data while the information processing is stopped.

9. (Currently Amended) The information processing apparatus according to claim 7, wherein the resuming unit includes a condition maintaining unit that maintains a condition where the storage unit stores the ~~data to be~~

~~processed~~ processing contents data while the information processing is stopped.

10. (Currently Amended) The information processing apparatus according to claims 6, wherein

the process contents data comprises data to be processed and associated information associated with the data, and

the limiting unit is structured so as to resume the information processing after all of the processing contents data is deleted from the management record unit.

11. (Currently Amended) The information processing apparatus according to claims 7, wherein

the process contents data comprises data to be processed and associated information associated with the data, and

the limiting unit is structured so as to resume the information processing after all of the processing contents data is deleted from the management record unit.

12. (Currently Amended) The information processing apparatus according to claims 8, wherein

the process contents data comprises data to be processed and associated information associated with the data, and

the limiting unit is structured so as to resume the information processing after all of the processing contents data is deleted from the management record unit.

13. (Currently Amended) The information processing apparatus according to claims 9, wherein

the process contents data comprises data to be processed and associated information associated with the data, and

the limiting unit is structured so as to resume the information processing after all of the processing contents data is deleted from the management record unit.

14. (Currently Amended) The information processing apparatus according to claim 10, wherein the ~~storage~~management record unit is structured so as to store the data to be processed, in a condition of being encrypted.

15. (Currently Amended) The information processing apparatus according to claim 11, wherein the ~~storage~~management record unit is

structured so as to store the data to be processed, in a condition of being encrypted.

16. (Currently Amended) The information processing apparatus according to claim 12, wherein the ~~storage~~management record unit is structured so as to store the data to be processed, in a condition of being encrypted.

17. (Currently Amended) The information processing apparatus according to claim 13, wherein the ~~storage~~management record unit is structured so as to store the data to be processed, in a condition of being encrypted.

18. (Previously Presented) An information processing apparatus, comprising:

storage means for storing data to be processed;

management record means for recording processing contents data representing processing contents of the data to be processed;

controlling means for controlling to carry out information processing, based on the processing contents data recorded in the management record means, about the data to be processed stored in the storage means;

resuming means for resuming, when the information processing is temporarily stopped and resumed, the information processing based on the processing contents data which is not changed between pre- and post-resuming;

invalidating means for invalidating the processing contents data recorded in the management record means;

operation admission means for making the invalidating means operable so that after the information processing is carried out, the invalidating means invalidates the processing contents data for which the information processing has been carried out; and

limiting means for limiting, when the invalidating means is operable, the operation of the resuming means, wherein the information processing is resumed after deleting a part or all of the processing contents data recorded in the management record means,

wherein when the storage means successively stores the data to be processed, the controlling means controls to carry out successive information processing of the data to be processed already stored in the storage unit.